

California Air Resources Board Met One Instruments, Inc.



E-BAM use for Air Emergency Response
June 30,2010

Hands On E-BAM



System Components

- CROSSARM MEMBER-18"
- MOUNTING CLAMP, 3/4 x 3/4
- FILTER TAPE
- CABLE TIE, 7 5/16 LONG, BLACK
- COMET CD
- TRIPOD, E-BAM
- INLET TUBE (UPPER SECTION)
- AMBIENT TEMP PROBE
- CABLE, SERIAL
- ASSY, REFERENCE MEMBRANE
- CABLE, POWER, E-BAM, NO RELAY WIRES, WITH FUSE
- ALLEN WRENCH, 5/32", SHORT ARM, TAMPERPROOF
- PM-10 SAMPLING INLET
- E-BAM ASSEMBLY

Optional System Components

- BX-115 Power Supply
- BX-305 Flow Inlet Adapter Kit
- BX-307 BGI Delta Cal
- BX-593 Relative Humidity
- BX-807 PM2.5 Sharp Cut Cyclone
- 034 Wind Speed and Direction

E-BAM UNIT ASSEMBLY AND START-UP

Chapter 2



Disassembly and Storage

- Retain Factory Shipment packaging
- Option such as Pelican Case

Data Retrieval and Communication

- ***Analog Voltage Output***
- ***Serial Port Connections to a Computer***
- ***Comet™ Data Retrieval Software***
- ***Downloading Data Using HyperTerminal or other Terminal Programs***
- ***“AutoMet” Data Retrieval Commands Through the Serial Port***
- ***Modem Options for Remote Data Retrieval***
- ***AIRSIS Satellite Uplink***

Flow Audit and Calibration

Chapter 5.4

MAINTENANCE and TROUBLESHOOTING

Chapter 8

Completion of E-BAM

- Questions?

